

## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) An isolated nucleic acid molecule comprising a nucleotide sequence encoding an IL-13 receptor  $\alpha$ -chain comprising the amino acid sequence set forth in SEQ ID NO:4 ~~or a nucleotide sequence encoding a derivative of said IL-13 receptor  $\alpha$ -chain, wherein the derivative is an extracellular domain of the IL-13 receptor  $\alpha$ -chain comprising amino acids 28-346 of SEQ ID No: 4 or comprising an amino acid sequence having at least 95% identity with amino acids 28-346 of SEQ ID No: 4, and wherein said derivative binds with IL-13 or is immunologically interactive with antibodies to said IL-13 receptor alpha chain.~~

2. (Currently amended) An isolated nucleic acid molecule comprising a nucleotide sequence encoding an IL-13 receptor  $\alpha$ -chain ~~comprising an amino acid sequence as set forth in SEQ ID NO:4 or a nucleotide sequence encoding a derivative of said an IL-13 receptor  $\alpha$ -chain, wherein said receptor  $\alpha$ -chain comprises the amino acid sequence as set forth in SEQ ID NO: 4,;~~

(i) ~~binds with IL-13 or its derivatives; and~~

(ii) ~~binds with a complex between IL-4 and IL-4 receptor  $\alpha$ -chain,~~

and wherein the derivative is ~~an extracellular domain of the IL-13 receptor  $\alpha$ -chain comprising~~ comprises amino acids 28-346~~28-342~~ of SEQ ID No~~NO~~: 4 or ~~comprising~~ comprises an amino acid sequence having at least 95% identity with amino acids 28-346~~28-342~~ of SEQ ID No~~NO~~: 4, and wherein said derivative binds with IL-13 or is immunologically interactive with antibodies to said IL-13 receptor alpha chain.

3-6. (Cancelled)

7. (Currently amended) An isolated nucleic acid molecule comprising a sequence of nucleotides which encodes an IL-13 receptor  $\alpha$ -chain ~~or a derivative thereof~~, said nucleic acid molecule ~~having a~~comprising the nucleotide sequence as set forth in SEQ ID NO: 3 or ~~having~~ comprising a nucleotide sequence which hybridizes to the complement of the nucleotide sequence as set forth in SEQ ID NO: 3 under low stringency conditions, wherein said low

stringency conditions comprise hybridization in 5x SSC at 50°C and washing in 0.2x SSC at 50°C ~~6x SSC, 0.1% w/v SDS at 42°C, and wherein the derivative is an extracellular domain of the IL-13 receptor  $\alpha$  chain comprising amino acids 28-346 of SEQ ID No: 4 or comprising an amino acid sequence having at least 95% identity with amino acids 28-346 of SEQ ID No: 4, and wherein said derivative binds with IL-13 or is immunologically interactive with antibodies to said IL-13 receptor alpha chain.~~

8-9. (Cancelled)

10. (Currently amended) An expression vector comprising a nucleic acid molecule according to ~~claim 1 or 7~~ any one of claims 1, 2 or 7, operably linked to a promoter which directs expression of said nucleic acid molecule in a host cell.

11-24. (Cancelled)

25. (Currently amended) A composition comprising a nucleic acid molecule according to ~~claim 1 or 2 or 7 or 8~~ any one of claims 1, 2 or 7, and a pharmaceutically acceptable carrier.

26-27. (Cancelled)

28. (Currently amended) A method of producing a recombinant polypeptide having at least two of the following characteristics:

- (i) comprises ~~an~~the amino acid sequence as set forth in SEQ ID NO:4;
- (ii) is encoded by ~~a~~the nucleotide sequence as set forth in SEQ ID NO:3;
- (iii) binds with IL-13 or its derivatives; and
- (iv) said polypeptide, when expressed in COS cells, has a molecular weight of from about 50,000 to about 70,000 daltons as determined by Western blot analysis,

said method comprising culturing cells comprising the expression vector according to claim 10 for a time and under conditions sufficient to express the nucleic acid molecule in said expression vector to produce a recombinant polypeptide and isolating said recombinant polypeptide.

29. (Currently amended) A method of producing a recombinant polypeptide having at least three of the following characteristics:

- (i) comprises ~~an~~the amino acid sequence as set forth in SEQ ID NO:4;
- (ii) is encoded by ~~a~~the nucleotide sequence as set forth in SEQ ID NO:3;
- (iii) binds with IL-13 or its derivatives;
- (iv) said polypeptide, when expressed in COS cells, has a molecular weight of from about 50,000 to about 70,000 daltons as determined by Western blot analysis;
- (v) comprises an amino acid sequence derived from IL-4 receptor  $\alpha$ -chain; and
- (vi) is capable of interaction with IL-13 which is competitively inhibited by IL-4 in cells which express an IL-4 receptor  $\alpha$ -chain,

said method comprising culturing cells comprising the expression vector according to claim 10 for a time and under conditions sufficient to express the nucleic acid molecule in said expression vector to produce a recombinant polypeptide and isolating said recombinant polypeptide.

30-36. (Cancelled)

37. (Previously Presented) An isolated nucleic acid molecule comprising the nucleotide sequence as set forth in SEQ ID NO: 3.

38-42. (Cancelled)

43. (Currently amended) The isolated nucleic acid molecule of claim ~~42~~, encoding a polypeptide consisting of amino acids ~~28-346~~28-342 of SEQ ID NO: 4.

44. (Previously Presented) The isolated nucleic acid molecule of claim 1, encoding a polypeptide consisting of amino acids 28-426 of SEQ ID NO:4.

45-46. (Cancelled)

47. (Previously Presented) A method of producing a recombinant polypeptide comprising culturing cells comprising the expression vector according to claim 10 for a time and

under conditions sufficient to express a polypeptide encoded by said expression vector and isolating said recombinant polypeptide.

48. (Currently amended) The isolated nucleic acid sequence of claim ~~1~~2 wherein said sequence consists of nucleotides ~~142-1098~~142-1086 of SEQ ID NO: 3.

49. (Previously Presented) The isolated nucleic acid sequence of claim 1 wherein said sequence consists of nucleotides 142-1338 of SEQ ID NO: 3.

50-52. (Cancelled)

53. (New) An isolated host cell transformed with the expression vector of claim 10.

54. (New) An isolated host cell which expresses a recombinant polypeptide encoded by a nucleic acid molecule according to any one of claims 1, 2 or 7.